

## SYSTEM FOR ASSOCIATIVE PROCESSING

5

### Abstract of the Disclosure

10 A system (270) for associative processing has an icon generator  
(272) (transform generator; polynomial code generator). An  
associative memory controller (276) is connected to the icon  
generator (272). An associative processing unit (280) is connected to  
the associative memory controller (276). A memory (278) is  
connected to the associative memory controller (276). This system  
15 (270) can be configured to perform the sliding search routine  
described in figures 1-6, or as a CAM (content address memory) or as  
an extensible markup language database system or as virus scanner  
or a packet accounting system or a variety of other functions.

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